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		.,		Application Number		/634,177		
		NSMITTAL	Filing Date		Αι	August 5, 2003		
	FORM			First Named Inventor	Mi	ichael W	illiam Wilson	
(to	be used for all cor	rrespondence after initial	filing)	Art Unit	16	525		
				Examiner Name	Ev	elyn Me	i Huang	
Tot	al Number of Page	es in This Submission		Attorney Docket Number	er PC	C25272A		
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Cynthia D. Bernges

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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

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Application Number	10/634,177
Filing Date	August 5, 2003
First Named Inventor	Michael Williams Wilson
Examiner Name	Evelyn Mei Huang
Art Unit	1625
Attorney Docket No.	PC 25272A

METHOD OF PAYMENT (check all that apply)				FEI	E CALCULATION (continued)	
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Deposit Account 23-0455	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	<u> </u>
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
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to the above-identified deposit account.		,		•	Examiner action	<del></del>
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1002 340 2002 170 Design filing fee	1401	330	2401		Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402		Filing a brief in support of an appeal	
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1005 160 2005 80 Provisional filing fee	1451		1451		Petition to institute a public use proceeding	<b> </b>
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**or number previously paid, if greater; For Reissues, see above	*Redu	ced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$) 180.0	00

SUBMITTED BY				(Complete	(if applicable))
Name (Print/Type)	Claude F. Purchase, Jr.	Registration No. (Attorney/Agent)	47,871	Telephone	734-622-1692
Signature	Claude F. HUNCHARACA_		,	Date	May 20, 2004

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/634,177 Filing Date August 5, 2003 First Named Inventor Michael William Wilson Art Unit 1625 **Examiner Name** Evelyn Mei Huang

PC 25272A

Complete if Known

(Use as many sheets as necessary) Attorney Docket Number 4 Sheet

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 6,008,243	December 28, 1999	Bender, et al	
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	FOREIGN PATENT DOCUMENTS								
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)  EP 1 138 680 A1	10/04/2001	Noe	or Relevant Figures Appear	┝			
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	ļ	WO 00/09485 A1	02/24/2000	McClure, et al.	***************************************				
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		WO 01/63244 A1	08/30/2001	Chen, et al.					

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Co	mpiete if Known	•
Application Number	10/634,177	
Filing Date	August 5, 2003	
First Named Inventor	Michael William Willson	
Art Unit	1625	
Examiner Name	Evelyn Mei Huang	
Attorney Docket Number	PC 25272A	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۲6	
		WO 02/34726 A2/A3	05/02/2002	Noe, et al.			
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INFORMATION DISCLOSURE				Application Number	10/634,177	
				Filing Date	August 5, 2003	
STATEMENT BY APPLICANT			CANT	First Named Inventor	Michael William Wilson	
				Art Unit	1625	
(Use as many sheets as necessary)				Examiner Name	Evelyn Mei Huang	
Sheet	3	of	4	Attorney Docket Number	PC 25272A	

NON PATENT LITERATURE DOCUMENTS			
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		BILLINGHURST, et al., Comparison of the Degradation of Type II Collagen and Proteoglycan in Nasal and Articular Cartilages Induced by Interleukin-1 and the Selective Inhibition of Type II Collagen Cleavage by Collagenase, Arthritis & Rheumatism, 2000; 43(3): 664-672	
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		HARRIS, The Oxidation of N-(2-pYRIDYL) Thioureas. The Synthesis of [1.2.4] Thaiadiazolo [2,3-a] Pyridinium Salts, Aust. J. Chem., 1972;25(5): 993-1001	
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		LOVEJOY, et al., Crystal structures of MMP-1 AND -13 reveal the structural basis for selectivity of collagenase inhibitors, Nature Structural Biology, 1999; 6(3): 217-221	***********
		MITCHELL, et al., Cloning, Expression, and Type II Collagenolytic Activity of Matrix Metaloproteinase-13 from Human Osteoarthritic, Cartilage, J. Clin. Invest., 1996; 97: 761-768	*************
		MOY, et al., High-resolution Solution Structure of the Cataliytic Fragment of Human Collagenase-3 (MMP-3) Complexed with a Hydroxamic Acid Inhibitor, J. Mol. Biol., 2000; 302: 671-689	***********
		NEUHOLD, et al., Postnatal expression in hyaline cartilage of constitutively active human collagenase-3 (MMP-13) induces osteoarthritis in mice, J. Clin. Invest., 2001; 107(1): 35-44	***********

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6	Examiner	Date	
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Substitute for form 1449B/PTO Complete if Known Application Number 10/634,177 INFORMATION DISCLOSURE Filing Date August 5, 2003 STATEMENT BY APPLICANT First Named Inventor Michael William Wilson Art Unit 1625 (Use as many sheets as necessary) Examiner Name Evelyn Mei Huang Sheet of Attorney Docket Number PC 25272A 4 4

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		Office Action mailed June 16, 2003 in U.S.S.N. 10/264,764		
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Examiner		Date	
Signature	·	Considered	

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